

Abstract

A hemofiltration system and method is provided that allows for high flow rate, accurate determination of net fluid withdrawal from or addition to a patient, and simple and reliable home operation. A removable, disposable assembly includes a filter housing and pump member 5 including one or more fluid conduits mounted against the pump member. When the disposable filter/pump member assembly is attached to the treatment system, a pump roller mechanism associated with the system actuates the conduits mounted against the pump member. A disposable waste receptacle and fluid replacement (infusate) reservoir can be provided as an integral part of the disposable filter/pump member assembly.